



AB-290 (SUA-No
223x)

NS in WV
UNITED STATES DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
NATIONAL OCEAN SERVICE
National Geodetic Survey
Silver Spring, Maryland 20910-3282

#E1-272
RG

June 13, 2001

Ms. Victoria J. Rutson
Acting Chief, Section of
Environmental Analysis
Surface Transportation Board
1925 K Street, N.W.
Washington, D.C. 20423-0001

Dear Ms. Rutson:

The area in question on the map that is part of the Environmental Report for the proposed rail line abandonment of Norfolk Southern Railway Co. for 3.09 miles of rail line between Milepost TE-0.0 and Milepost TE-3.09 (Licks Fork Spur Jct. to Elda), in Mingo County, West Virginia, STB Docket No. Not Given, has been reviewed within the scope of National Geodetic Survey (NGS) responsibility and expertise and in terms of the impact of the proposed actions on NGS activities and projects.

As a result of this review, two geodetic station markers, RV 204 and J 47, have been identified that may be affected by the proposed abandonment; data sheets for these markers are enclosed. If there are any planned activities which will disturb or destroy these markers, NGS requires not less than 90 days' notification in advance of such activities in order to plan for their relocation.

If further information is needed for these geodetic station markers, my address is NOAA, N/NGS2, Room 8813, 3115 East-West Highway, Silver Spring, Maryland 20910-3282, telephone: 301-713-3191, fax: 301-713-4324, e-mail: Ed.McKay@noaa.gov.

Sincerely,

Edward J. McKay

Edward J. McKay
Chief, Spatial Reference
System Division

Enclosure

cc: L. Western - NS



The NGS Data Sheet

DATABASE = Sybase , PROGRAM = datasheet, VERSION = 6.48
 1 National Geodetic Survey, Retrieval Date = JUNE 14, 2001
 GY0122 *****
 GY0122 DESIGNATION - RV 204
 GY0122 PID - GY0122
 GY0122 STATE/COUNTY- WV/MINGO
 GY0122 USGS QUAD - MAJESTIC (1977)
 GY0122
 GY0122 *CURRENT SURVEY CONTROL
 GY0122

GY0122*	NAD 83(1986)-	37 34 45.	(N)	082 07 26.	(W)	SCALED
GY0122*	NAVD 88	-	219.995	(meters)	721.77	(feet) ADJUSTED

GY0122	GEOID HEIGHT-	-31.59	(meters)			GEOID99
GY0122	DYNAMIC HT -	219.828	(meters)	721.22	(feet)	COMP
GY0122	MODELED GRAV-	979,866.2	(mgal)			NAVD 88

 GY0122 VERT ORDER - SECOND CLASS 0
 GY0122
 GY0122.The horizontal coordinates were scaled from a topographic map and have
 GY0122.an estimated accuracy of +/- 6 seconds.
 GY0122
 GY0122.The orthometric height was determined by differential leveling
 GY0122.and adjusted by the National Geodetic Survey in June 1991.
 GY0122
 GY0122.The geoid height was determined by GEOID99.
 GY0122
 GY0122.The dynamic height is computed by dividing the NAVD 88
 GY0122.geopotential number by the normal gravity value computed on the
 GY0122.Geodetic Reference System of 1980 (GRS 80) ellipsoid at 45
 GY0122.degrees latitude (g = 980.6199 gals.).
 GY0122
 GY0122.The modeled gravity was interpolated from observed gravity values.
 GY0122

GY0122;	North	East	Units	Estimated Accuracy
GY0122;SPC WV S	- 64,880.	500,730.	MT	(+/- 180 meters Scaled)

 GY0122
 GY0122 SUPERSEDED SURVEY CONTROL
 GY0122

GY0122	NGVD 29	-	220.215	(m)	722.49	(f) ADJ UNCH	2 0
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 GY0122.Superseded values are not recommended for survey control.
 GY0122.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.
 GY0122.See file dsdata.txt to determine how the superseded data were derived.
 GY0122
 GY0122_MARKER: R = RIVET
 GY0122_SETTING: 36 = BRIDGE
 GY0122_STABILITY: B = PROBABLY HOLD POSITION/ELEVATION WELL
 GY0122

GY0122	HISTORY	- Date	Condition	Report By
GY0122	HISTORY	- UNK	MONUMENTED	NWRR
GY0122	HISTORY	- 1935	GOOD	NGS

 GY0122
 GY0122 STATION DESCRIPTION
 GY0122
 GY0122'DESCRIBED BY NATIONAL GEODETIC SURVEY 1935
 GY0122'1.5 MI N FROM DELORME.
 GY0122'1.5 MILES NORTH ALONG THE NORFOLK AND WESTERN RAILWAY FROM THE

GY0122'STATION AT DELORME, MINGO COUNTY, 0.2 MILE NORTH OF MILEPOST
GY0122'N 455, 25 FEET WEST OF THE CENTERLINE OF STATE HIGHWAY 49, AT
GY0122'BRIDGE 926, IN THE TOP OF THE EAST CORNER OF THE SOUTH ABUTMENT,
GY0122'10.3 FEET EAST OF THE EAST RAIL, AND LEVEL WITH THE RAIL.
GY0122'A STANDARD MONEL-METAL RIVET.

*** retrieval complete.

Elapsed Time = 00:00:01

The NGS Data Sheet

DATABASE = Sybase ,PROGRAM = datasheet, VERSION = 6.48

1 National Geodetic Survey, Retrieval Date = JUNE 14, 2001

GY0121 *****

GY0121 DESIGNATION - J 47

GY0121 PID - GY0121

GY0121 STATE/COUNTY- WV/MINGO

GY0121 USGS QUAD - MAJESTIC (1977)

GY0121

GY0121 *CURRENT SURVEY CONTROL

GY0121

GY0121*	NAD 83(1986)-	37 34 45.	(N)	082 07 26.	(W)	SCALED
GY0121*	NAVD 88	-	219.961 (meters)	721.66	(feet)	ADJUSTED

GY0121

GY0121	GEOID HEIGHT-	-31.59 (meters)				GEOID99
GY0121	DYNAMIC HT -	219.794 (meters)		721.11 (feet)		COMP
GY0121	MODELED GRAV-	979,866.2 (mgal)				NAVD 88

GY0121

GY0121 VERT ORDER - SECOND CLASS 0

GY0121

GY0121.The horizontal coordinates were scaled from a topographic map and have

GY0121.an estimated accuracy of +/- 6 seconds.

GY0121

GY0121.The orthometric height was determined by differential leveling

GY0121.and adjusted by the National Geodetic Survey in June 1991.

GY0121

GY0121.The geoid height was determined by GEOID99.

GY0121

GY0121.The dynamic height is computed by dividing the NAVD 88

GY0121.geopotential number by the normal gravity value computed on the

GY0121.Geodetic Reference System of 1980 (GRS 80) ellipsoid at 45

GY0121.degrees latitude (g = 980.6199 gals.).

GY0121

GY0121.The modeled gravity was interpolated from observed gravity values.

GY0121

GY0121;		North	East	Units	Estimated Accuracy
GY0121;SPC WV S	-	64,880.	500,730.	MT	(+/- 180 meters Scaled)

GY0121

GY0121 SUPERSEDED SURVEY CONTROL

GY0121

GY0121	NGVD 29	-	220.181 (m)	722.38 (f)	ADJ UNCH	2 0
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GY0121

GY0121.Superseded values are not recommended for survey control.

GY0121.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.

GY0121.See file dsdata.txt to determine how the superseded data were derived.

GY0121

GY0121_MARKER: DB = BENCH MARK DISK

GY0121_SETTING: 36 = BRIDGE

GY0121_STAMPING: J 47 1935

GY0121_STABILITY: B = PROBABLY HOLD POSITION/ELEVATION WELL

GY0121

GY0121	HISTORY	- Date	Condition	Report By
GY0121	HISTORY	- 1935	MONUMENTED	CGS

GY0121

GY0121 STATION DESCRIPTION

GY0121

GY0121'DESCRIBED BY COAST AND GEODETIC SURVEY 1935

GY0121'1.5 MI N FROM DELORME.

GY0121'1.5 MILES NORTH ALONG THE NORFOLK AND WESTERN RAILWAY FROM THE

GY0121'STATION AT DELORME, MINGO COUNTY, 0.2 MILE NORTH OF MILEPOST
GY0121'N 455, 69 FEET WEST OF THE CENTERLINE OF STATE HIGHWAY 49, AT
GY0121'BRIDGE 926, IN THE TOP OF THE WEST CORNER OF THE NORTH ABUTMENT,
GY0121'5.8 FEET WEST OF THE WEST RAIL, AND LEVEL WITH THE RAIL. A
GY0121'STANDARD DISK, STAMPED J 47 1935.

*** retrieval complete.

Elapsed Time = 00:00:01